



Nanushka

RESTRICTED SUBSTANCE LIST

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Introduction

Nanushka is committed to integrating sustainability across all operations, products, and supply chain. A key part of our commitment is to promote the adoption of best available production techniques and processes through the effective use and management of chemicals, so as to protect consumers, workers, and the environment.

Nanushka's Restricted Substance List shall serve as a guide in the management and consumption of chemicals. Please note that the subject of restricted substances is ever-changing and we will periodically review and update this standard to reflect changes in legislation. Moreover we have reported also specific physical-mechanical and flammability requirements that shall be respected.

This shall serve as a base-line standard, we believe these standards are already being met by many of our suppliers and that many may already be exceeding them.

Application

This standard applies to Ready to Wear, Accessories and Footwear. It applies to:

- Materials (textiles, rubber, leather, plastic, polymers)
- Chemicals used in manufacturing, solvents and adhesives
- Coatings, prints, paint
- Components including trims, zips, threads, labels and all fasteners
- Packaging

This standard applies to all materials, parts, chemicals, components, packaging and other goods that are sourced or supplied for direct or eventual use in the products to be labeled and distributed by Nanushka. All factories used to manufacture Nanushka products and components have to respect this policy.

Compliance & Restricted Substances Management

Each supplier must ensure that each material, part, chemical, component, packaging and other goods used in the manufacturing and distribution of any Nanushka labeled product does not contain any substance to the extent that that substance is banned or limited under this standard or under any applicable law of any country and jurisdiction in which the supplier conducts business. Any violation of the RSL

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or the applicable laws is a violation of all contracts to supply materials, parts, chemicals, components, packaging, and other goods to Nanushka.

We require that all suppliers and factories making Nanushka products and their subcontractors, fully comply with this standard and only deliver fully compliant products. Nanushka's RSL is a key requirement that must be met and a compulsory part of the terms and conditions of trading with the brand.

1. TIER 1 (suppliers who manufacture Nanushka products) and TIER 2 (suppliers who manufacture components such as textiles, leather, plastic, packaging, trims) are requested to communicate these standards internally to their employees, their sub-suppliers and their subcontractors in the language spoken by the workers. If suppliers are concerned about non-compliance to this standard they are expected to inform Nanushka prior to the commencement of product or component manufacturing.
2. TIER 1 and TIER 2 suppliers are expected to confirm their understanding and compliance to the standard through a declaration.
 - a. TIER 1 and TIER 2 suppliers must be able to provide test results and/or certifications that showcase compliance to the standard.

Consequences of failure to Nanushka RSL & MRSL will be evaluated on a case by case basis and appropriate action will be taken. Products, Components and Materials that fail to comply with Nanushka standards and current legislation may be rejected.

Global Legislation

All Nanushka products must comply with all relevant legislation in the countries products are going to be sold.

EUROPE	Products must be compliant with <u>REACH legislation</u> . Products must comply with specific chemical restrictions, certain chemicals may only be used if authorized and suppliers must notify Nanushka if any Substance of Very High Concern is used or present. Every Member State has its laws, processes and procedures in place to verify compliance to REACH, focus is on chemical requirements (nickel release, pH, phthalates) product properties, products imported by extra-EU and labelling. Shall any article fail to comply with REACH, member states will take rapid intervention measures.
USA	Products must be compliant with relevant pieces of legislation including <u>CPSIA</u> and <u>California Prop 65</u> . The USA has federal legislation with different local requirements and products are inspected by different bodies, focusing on chemical requirements (phthalates, formaldehyde, lead), product properties and labelling. Shall any article fail to comply with USA legislation and any company importing goods who fail to report a substantial product

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	hazard is subject to civil penalties like monetary and prison penalties.
CHINA	Products must be compliant with Chinese Standards <u>GB (Guo Bio)</u> , inspectors check on chemical requirements, product performances (e.g. pH, fiber composition, color fastness, formaldehyde, etc) and labelling (washing label and guarantee card). Each RTW import is inspected as well as random picking for all product categories; shall any article fail to meet the standards the whole batch will fail, is blocked from entering and will be sent back.

All Nanushka suppliers are invited to check these legislations, and must communicate to Nanushka shall they be concerned of non-compliance. International testing companies like SGS and UL can support with detailed knowledge and local requirements.

If you have any questions or you are concerned about non-compliance with any of this content, please contact us at sustainability@nanushka.com.

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Nanushka PRSL: Requirements for finished products

A Product Restricted Substance List (PRSL) is a list of hazardous chemicals that should not exist in Nanushka's products. PRSLs are enforced through product testing.

Please refer to the excel called (Nanushka 2022) to review what products, materials, components shall be tested against. Nanushka may require additional supplementary testing to what appears in the excel.

Nanushka MRSL: Requirements for manufacturing processes

The Manufacturing Restricted Substance List (MRSL) is a list of hazardous chemicals that are subject to a usage ban, meaning that the specific chemical or a group of chemicals can't be used in production or for other uses within a facility, such as cleaning or maintenance. The MRSL aims to eliminate the intentional use of hazardous substances in the manufacturing process to protect the environment, the health of workers, local communities and customers. In some cases, traces of hazardous chemicals can be present due to manufacturing impurities in chemical formulations, the aim of this MRSL is to restrict the intentional use of hazardous chemicals rather than to control for the impurities. The Nanushka MRSL applies to manufacturing processes in the supply chain of textile, apparel and footwear (including leather and rubber).

The Nanushka MRSL include, but is not limited to cleaners, adhesives, paints, inks, detergents, dyes, colourants, auxiliaries, coatings and finishing agents used during raw material production, wet processing, process machinery maintenance, wastewater treatment, sanitation and pest control.

The objective of our MRSL is to provide a guidance document to address the use of hazardous chemicals potentially used and discharged in the environment during manufacturing processes and/or other production processes. A MRSL set an usage ban on the intentional use of certain substances and sets the limit for chemical formulations used within the manufacturing facilities. We understand that some chemicals can't be eliminated immediately because suitable alternatives are yet to exist.

No Intentional Use in Manufacturing Process

Supplier must not intentionally use the below chemicals categories in the manufacturing process, regardless of the concentration:

- Alkylphenols and Alkylethoxylates (APEs/APEOs)
- Chlorobenzenes and Chlorotoluenes
- Chlorophenols
- Dyes – Azo (Forming Restricted Amines)

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- Dyes – Navy Blue Colorants
- Dyes – Carcinogenic or Equivalent Concern
- Dyes – Disperse (Sensitising)
- Halogenated Flame Retardants
- Chlorinated Halogenated Solvents
- Organotins Compounds
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Ortho-phthalates
- Aromatic Volatile Organic Compounds (VOC)
- Short-chained Chlorinated Paraffins
- Polyvinyl Chloride
- Long-chain Perfluorinated and Polyfluorinated Chemicals (PFCs)
- Heavy metals in textiles and leather
- Glycols / Glycol Ethers
- UV absorbers
- Other/ Miscellaneous Chemicals
- Anti- Microbials & Biocides
- Cyclic Siloxanes

Please head to section called “Attachment: Nanushka MRSL” to see the full list of chemical categories that shall not be used intentionally in the manufacturing process, regardless of the concentration. Manufacturing impurities in formulation exist, meaning that a trace of hazardous chemicals can be contained in the chemical products, but shall not be present above the specified limits, tolerated within the chemical formulation.

“Attachment: Nanushka MRSL” showcases the priority chemicals categories that shall not be used intentionally in the manufacturing process. These chemicals have the potential to negatively impact human health and the environment and should be phased out from products and processes. We understand substitutes to some of the above chemicals may not be available but we request our suppliers to choose an alternative solution to using the chemicals categories listed above, where possible.

Nanushka MRSL is aligned with the ZDHC Version 2.0 MRSL issued on March 2022 and additional suggestions on the basis of work in progress of ZDHC future revisions. Suppliers can check this document for further information on testing and they are encouraged to monitor ZDHC website as there are many valuable tools to support chemical management.

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Packaging

Nanushka is committed to [Canopy](#), an NGO dedicated to developing innovative business practices to save forests and ecosystems. We are going to work with Canopy and our suppliers to support collaborative and visionary solutions that ultimately reduce the demand placed upon our forests. To check out the policy, head to our website: A Future for Our Forests.

- We give preference to paper and packaging with high recycled content. Suppliers are encouraged to design and select packaging materials that can be reused or recycled.
- In accordance with the EU Packaging Directive, we require that the total metal content of Lead, Cadmium, Mercury and Chromium VI does not exceed 100 ppm.
- All packaging must meet all applicable legislation in all geographical territories.
- We give preference to paper and packaging that has been processed utilizing technologies such as Process Chlorine Free (PCF) and Totally Chlorine Free (TCF).
- We are switching to receipts for in-store use that are non-phenol and BPA/BPS free. Suppliers are encouraged to propose health and environmentally friendly alternatives.

Pesticides and Herbicides

Pesticides and Herbicides used in agriculture are rarely going to be detected in the final product, however we do not expect them to be used in agriculture. Many chemicals and pesticides used in agriculture are restricted or banned by legislation.

We encourage all suppliers to test against AFIRM RSL Pesticides list periodically for incoming natural fibers and to prefer raw material suppliers who are transparent about their chemical management and can provide certificates and/or test results.

- We give preference to raw materials that are certified as organic
- We give preference to wool scouring without harsh chemicals
- We give preference to precious metals like gold that are certified (such as recycled Gold, or Gold from Responsible Jewellery Council (RJC) certified mines, and/or Fairmined and Fairtrade gold) and mercury free

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Banned Substances

Polyvinyl Chloride

Nanushka prohibits any material derived from PVC. PVC poses environmental and health threats because of chlorine bleaching by-products that are produced during the manufacture of PVC and burning of products that contain PVC.

- Nanushka requires all suppliers to use PVC-free materials, and to communicate to the brand if concerned of non-compliance.

Animal DNA in Alt-Leather

Nanushka Alt-Leather must be free from any substances derived from animals that cannot be obtained without killing or injuring an animal.

- Solvents and glues made from animal products or containing animal derivatives can't be used at any time in the manufacturing process.
- Suppliers making Nanushka mock leather must make a PCR test to confirm the absence of animal derivatives in the textiles and final product and must send the test result to Nanushka.

Sand-blasting

Sand-blasting techniques to artificially wear and abrade textiles are not permitted due to serious health risks to the workers; during the process of sand-blasting respirable parts of silica are often generated.

- We expect suppliers to practice due-diligence and do not perform any sand-blasting techniques.

Substances of Very High Concern (SVHC'S)

The use of Substances of Very High Concern is not allowed at any point of the manufacturing process without advising Nanushka in writing. The list is updated with new chemicals on a regular basis and suppliers are expected to monitor the list and adjust their practices accordingly. The current list of SVHC's is available on the ECHA website.

See also the specific prescription for SVHC reported in the excel file called (Nanushka 2022)

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Attachment: Nanushka MRSL

Nanushka MRSL

Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Nonylphenol (NP), isomer	104-40-5	No Intentional Use	250 ppm
Nonylphenol (NP), isomer	11066-49-2	No Intentional Use	250 ppm
Nonylphenol (NP), isomer	25154-52-3	No Intentional Use	250 ppm
Nonylphenol (NP), isomer	84852-15-3	No Intentional Use	250 ppm
Nonylphenol ethoxylates (NPEO), isomer	9016-45-9	No Intentional Use	500 ppm
Nonylphenol ethoxylates (NPEO), isomer	26027-38-3	No Intentional Use	500 ppm
Nonylphenol ethoxylates (NPEO), isomer	37205-87-1	No Intentional Use	500 ppm
Nonylphenol ethoxylates (NPEO), isomer	68412-54-4	No Intentional Use	500 ppm
Nonylphenol ethoxylates (NPEO), isomer	127087-87-0	No Intentional Use	500 ppm
Octylphenol ethoxylates (OPEO), isomer	9002-93-1	No Intentional Use	500 ppm

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Octylphenol ethoxylates (OPEO), isomer	9036-19-5	No Intentional Use	500 ppm
Octylphenol ethoxylates (OPEO), isomer	68987-90-6	No Intentional Use	500 ppm
Octylphenol (OP), isomer	140-66-9	No Intentional Use	250 ppm
Octylphenol (OP), isomer	1806-26-4	No Intentional Use	250 ppm
Octylphenol (OP), isomer	27193-28-8	No Intentional Use	250 ppm

Chlorobenzenes and Chlorotoluenes

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemicals Supplier Commercial Formulation Limit
1,2-Dichlorobenzene	95-50-1	No Intentional Use	500 ppm
Benzyl chloride	100-44-7	No Intentional Use	Sum = 200 ppm
4-Chlorotoluene	106-43-4	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,4-Dichlorobenzene	106-46-7	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
3-Chlorotoluene	108-41-8	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,3,5-Trichlorobenzene	108-70-3	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each

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Chlorobenzene	108-90-7	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,3-Dichlorotoluene	118-69-4	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
Hexachlorobenzene	118-74-1	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,2,4-Trichlorobenzene	120-82-1	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,2-dichloro-4-(trichloromethyl)-benzene	13014-24-9	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
a,a,2,4-Tetrachlorotoluene	134-25-8	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
2,3,6-Trichlorotoluene	2077-46-5	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1-chloro-2-(trichloromethyl)-benzene	2136-89-2	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
p-chlorobenzotrichloride	5216-25-1	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,3-Dichlorobenzene	541-73-1	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
Pentachlorobenzene	608-93-5	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and

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			trichlorotoluene 5 ppm each
1,2,3,4-Tetrachlorobenzene	634-66-2	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,2,3,5-Tetrachlorobenzene	634-90-2	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
2,4,5-Trichlorotoluene	6639-30-1	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
Monomethyl-tetrachloro-diphenyl methane	76253-60-6	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
Monomethyl-dichloro-diphenyl methane	81161-70-8	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
2,6,a,a-tetrachlorotoluene	81-19-6	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,2,3-Trichlorobenzene	87-61-6	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
2,3,4,5,6-Pentachlorotoluene	877-11-2	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
2-Chlorotoluene	95-49-8	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
2,4-Dichlorotoluene	95-73-8	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each

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3,4-Dichlorotoluene	95-75-0	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
1,2,4,5-Tetrachlorobenzene	95-94-3	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each
a,a,a-trichlorotoluene	98-07-7	No Intentional Use	Sum = 200 ppm tetrachlorotoluene, and trichlorotoluene 5 ppm each

Chlorophenols

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
2,4,5-trichlorophenol	95-95-4	No Intentional Use	Sum = 50 ppm
2,3-dichlorophenol	576-24-9	No Intentional Use	Sum = 50 ppm
3,4-dichlorophenol	95-77-2	No Intentional Use	Sum = 50 ppm
3-chlorophenol	108-43-0	No Intentional Use	Sum = 50 ppm
4-chlorophenol	106-48-9	No Intentional Use	Sum = 50 ppm
2,3,4-trichlorophenol	15950-66-0	No Intentional Use	Sum = 50 ppm
3,4,5-trichlorophenol	609-19-8	No Intentional Use	Sum = 50 ppm

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2,3,5-trichlorophenol	933-78-8	No Intentional Use	Sum = 50 ppm
2,3,6-trichlorophenol	933-75-5	No Intentional Use	Sum = 50 ppm
Tetrachlorophenol	25167-83-3	No Intentional Use	Sum = 20 ppm
Pentachlorophenol	87-86-5	No Intentional Use	Sum = 20 ppm
2,4-Dichlorophenol	120-83-2	No Intentional Use	Sum = 50 ppm
2,5-Dichlorophenol	583-78-8	No Intentional Use	Sum = 50 ppm
2,6- Dichlorophenol	87-65-0	No Intentional Use	Sum = 50 ppm
3,5- Dichlorophenol	various	No Intentional Use	Sum = 50 ppm
2-Chlorophenol	95-57-8	No Intentional Use	Sum = 50 ppm
Trichlorophenol	25167-82-2	No Intentional Use	Sum = 50 ppm
2,3,4,5-Tetrachlorophenol	4901-51-3	No Intentional Use	Sum = 50 ppm
2,4,6-Trichlorophenol	88-06-2	No Intentional Use	Sum = 50 ppm
2,3,5,6-Tetrachlorophenol	935-95-5	No Intentional Use	Sum = 50 ppm
2,2'-Methylenbis(4-chlorophenol)	97-23-4	No Intentional Use	Sum = 50 ppm

Dyes - Azo (Forming Restricted Amines)

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Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
4,4-oxydianiline	101-80-4	No Intentional Use	150 ppm
4,4-methylene-bis-(2-chloro-aniline)	101-14-4	No Intentional Use	150 ppm
3,3-dimethoxybenzidine	119-90-4	No Intentional Use	150 ppm
4,4-methylenedianiline	101-77-9	No Intentional Use	150 ppm
4-chloroaniline	106-47-8	No Intentional Use	150 ppm
3,3-dimethylbenzidine	119-93-7	No Intentional Use	150 ppm
6-methoxy-mtoluidine	120-71-8	No Intentional Use	150 ppm
4,4-thiodianiline	139-65-1	No Intentional Use	150 ppm
4-aminoazobenzene	60-09-3	No Intentional Use	150 ppm
2,4,5-trimethylaniline	137-17-7	No Intentional Use	150 ppm
o-anisidine	90-04-0	No Intentional Use	150 ppm
4,4-methylenedi-otoluidine	838-88-0	No Intentional Use	150 ppm
3,3-dichlorobenzidine	91-94-1	No Intentional Use	150 ppm

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4-methoxy-mphenylenediamine	615-05-4	No Intentional Use	150 ppm
2,6-xylydine	87-62-7	No Intentional Use	150 ppm
2-naphthylamine	91-59-8	No Intentional Use	150 ppm
o-toluidine	95-53-4	No Intentional Use	150 ppm
Benzidine	92-87-5	No Intentional Use	150 ppm
4-chloro-o-toluidine	95-69-2	No Intentional Use	150 ppm
4-aminodiphenyl	92-67-1	No Intentional Use	150 ppm
4-methyl-mphenylenediame	95-80-7	No Intentional Use	150 ppm
2,4-xylydine	95-68-1	No Intentional Use	150 ppm
o-aminoazotoluene	97-56-3	No Intentional Use	150 ppm
5-nitro-o-toluidine	99-55-8	No Intentional Use	150 ppm
2-Naphthylammoni umacetate	553-00-4	No Intentional Use	150 ppm
4-chloro-otoluidinium chloride	3165-93-3	No Intentional Use	150 ppm
4-methoxy-mphenylene diammonium sulphate; 2,4-diaminoanisoie sulphate	39156-41-7	No Intentional Use	150 ppm
2,4,5-trimethylanilin ehydrochloride	21436-97-5	No Intentional Use	150 ppm

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Aniline (free)

62-53-3

No Intentional Use

2000 ppm in indigo and 500 ppm
for other dyes

Dyes - Navy Blue Colourant

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Component 1: C39H23ClCrN7O12S 2Na	118685-33- 9	No Intentional Use	250 ppm
Component 2: C46H -30CrN10O20S2 3Na	Not Allocated	No Intentional Use	250 ppm

Dyes – Carcinogenic or Equivalent Concern

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
C.I. Basic Violet 14	632-99-5	No Intentional Use	250 ppm
C.I. Direct Black 38	1937-37-7	No Intentional Use	250 ppm
C.I. Direct Blue 6	2602-46-2	No Intentional Use	250 ppm
C.I. Acid Red 26	3761-53-3	No Intentional Use	250 ppm
C.I. Direct Red 28	573-58-0	No Intentional Use	250 ppm

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C.I. Basic Red 9	569-61-9	No Intentional Use	250 ppm
C.I. Disperse Blue 1	2475-45-8	No Intentional Use	250 ppm
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	No Intentional Use	250 ppm
C.I. Disperse Blue 3	2475-46-9	No Intentional Use	250 ppm
C.I. Basic Green 4 (Malachite Green Oxalate)	2437-29-8	No Intentional Use	250 ppm
C.I. Basic Green 4 (Malachite Green Chloride)	569-64-2	No Intentional Use	250 ppm
Disperse Orange 11	82-28-0	No Intentional Use	250 ppm
C.I. Basic Green 4 (Malachite Green)	10309-95-2	No Intentional Use	250 ppm
C.I. Acid Violet 49	1694-09-3	No Intentional Use	250 ppm
Basic violet 3 with >0.1% of Michler's Ketone	548-62-9	No Intentional Use	250 ppm
C.I. Basic Green 4 Leuco Base	129-73-7	No Intentional Use	250 ppm

Dyes – Disperse (Sensitising)

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
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Disperse Yellow 39	12236-29-2	No Intentional Use	250 ppm
Disperse Brown 1	23355-64-8	No Intentional Use	250 ppm
Disperse Yellow 1	119-15-3	No Intentional Use	250 ppm
Disperse Blue 102	12222-97-8	No Intentional Use	250 ppm
Disperse Blue 106	12223-01-7	No Intentional Use	250 ppm
Disperse Orange 37/59/76	13301-61-6	No Intentional Use	250 ppm
Disperse Orange 1	2581-69-3	No Intentional Use	250 ppm
Disperse Yellow 3	2832-40-8	No Intentional Use	250 ppm
Disperse Red 11	2872-48-2	No Intentional Use	250 ppm
Disperse Red 1	2872-52-8	No Intentional Use	250 ppm
Disperse Red 17	3179-89-3	No Intentional Use	250 ppm
Disperse Yellow 49	54824-37-2	No Intentional Use	250 ppm
Disperse Blue 7	3179-90-6	No Intentional Use	250 ppm
Disperse Blue 26	3860-63-7	No Intentional Use	250 ppm

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Disperse Yellow 9	6373-73-5	No Intentional Use	250 ppm
Disperse Blue 124	61951-51-7	No Intentional Use	250 ppm
Disperse Blue 35	12222-75-2	No Intentional Use	250 ppm
Disperse Orange 3	730-40-5	No Intentional Use	250 ppm
Disperse Blue 35	56524-77-7	No Intentional Use	250 ppm

Halogenated Flame Retardants

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Octabromodiphenyl ether (OctaBDE)	32536-52-0	No Intentional Use	250 ppm
Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	No Intentional Use	250 ppm
Tris(2,3-dibromopropyl)-phosphate (TRIS)	126-72-7	No Intentional Use	250 ppm
Bis(2,3-dibromopropyl)phosphate (BIS)	5412-25-9	No Intentional Use	250 ppm
Decabromodiphenyl ether (DecaBDE)	1163-19-5	No Intentional Use	250 ppm
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	No Intentional Use	250 ppm

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Tris(1-aziridinyl)phosphineoxide (TEPA)	545-55-1	No Intentional Use	250 ppm
Tetrabromobisphenol A(TBBPA)	79-94-7	No Intentional Use	250 ppm
Tris(1,3-dichloro-isopropyl)phosphate (TDCP)	13674-87-8	No Intentional Use	250 ppm
Polybromobiphenyls (PBB)	59536-65-1	No Intentional Use	250 ppm
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	No Intentional Use	250 ppm
Hexabromocyclododecane(HBCDD)	3194-55-6	No Intentional Use	250 ppm
Boric acid	10043-35-3 / 11113-50-1	No Intentional Use	250 ppm
Decabromobiphenyl (DecaBB)	13654-09-6	No Intentional Use	250 ppm
Disodium tetraborate, anhydrous	1303-96-4/ 1330-43-4	No Intentional Use	250 ppm
Disodium octaborate	12008-41-2	No Intentional Use	250 ppm
dibromopropylether	21850-44-2	No Intentional Use	250 ppm
Diboron trioxide	1303-86-2	No Intentional Use	250 ppm
Heptabromodiphenylether (HeptaBDE)	68928-80-3	No Intentional Use	250 ppm
Dibromobiphenyls (DiBB)	Multiple	No Intentional Use	250 ppm

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Monobromodiphenyl ethers (MonoBDEs)	Multiple	No Intentional Use	250 ppm
Monobromobiphenyls (MonoBB)	Multiple	No Intentional Use	250 ppm
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	No Intentional Use	250 ppm
Nonabromobiphenyls (NonaBB)	Multiple	No Intentional Use	250 ppm
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	No Intentional Use	250 ppm
Polybromobiphenyls (Polybrominated biphenyls) (PBBs)	59536-65-1	No Intentional Use	250 ppm
Octabromobiphenyls (OctaBB)	Multiple	No Intentional Use	250 ppm
Tetraboron disodium heptaoxide, hydrate	12267-73-1	No Intentional Use	250 ppm
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	No Intentional Use	250 ppm
Tribromodiphenyl ethers (TriBDEs)	Multiple	No Intentional Use	250 ppm
Tris-(2-chloro-1-methyl)phosphate (TCPP)	13674-84-5	No Intentional Use	250 ppm
Trixylyl phosphate (TXP)	25155-23-1	No Intentional Use	50 ppm
Tri- <i>o</i> -cresyl phosphate	78-30-8	No Intentional Use	50 ppm
Trimethyl phosphate	512-56-1	No Intentional Use	50 ppm

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Chlorinated Halogenated Solvents

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
1,2-Dichloroethane	107-06-2	No Intentional Use	5 ppm
Methylene chloride	75-09-2	No Intentional Use	5 ppm
Trichloroethylene	79-01-6	No Intentional Use	40 ppm
Tetrachloroethylene	127-18-4	No Intentional Use	5 ppm
Benzylchloride	100-44-7	No Intentional Use	5 ppm Dyes 100 ppm

Organotin Compounds

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Dibutyltin (DBT)	Multiple	No Intentional Use	20 ppm (EXCEPTION 100 ppm for polyurethane based thickeners used at
Mono-, di- and trimethyltin derivatives	Multiple	No Intentional Use	5 ppm
Mono-, di- and trioctyltin derivatives	Multiple	No Intentional Use	5 ppm

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Mono-, di- and triphenyltin derivatives	Multiple	No Intentional Use	5 ppm
Mono- and tributyltin derivatives	Multiple	No Intentional Use	5 ppm
Dipropyltin compounds (DPT)	Multiple	No Intentional Use	5 ppm
Tetraethyltin Compounds (TeET)	Multiple	No Intentional Use	1 ppm
Tripropyltin Compounds (TPT)	Multiple	No Intentional Use	1 ppm
Tetrabutyltin compounds (TeBT)	Multiple	No Intentional Use	1 ppm
Tetraoctyltin compounds (TeOT)	Multiple	No Intentional Use	1ppm
Tricyclohexyltin (TCyHT)	Multiple	No Intentional Use	1ppm

Polycyclic Aromatic Hydrocarbons (PAHs)

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Benzo[a]pyrene	50-32-8	No Intentional Use	20 ppm
Pyrene	129-00-0	No Intentional Use	Sum = 200 ppm
Benzo[ghi]perylene	191-24-2	No Intentional Use	Sum = 200 ppm

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Benzo[j]fluoranthene	205-82-3	No Intentional Use	Sum = 200 ppm
Anthracene	120-12-7	No Intentional Use	Sum = 200 ppm
Indeno[1,2,3-cd]pyrene3	193-39-5	No Intentional Use	Sum = 200 ppm
Benzo[e]pyrene	192-97-2	No Intentional Use	Sum = 200 ppm
Benzo[b]fluoranthene	205-99-2	No Intentional Use	Sum = 200 ppm
Benzo[k]fluoranthene	207-08-9	No Intentional Use	Sum = 200 ppm
Fluoranthene	206-44-0	No Intentional Use	Sum = 200 ppm
Acenaphthylene	208-96-8	No Intentional Use	Sum = 200 ppm
Dibenz[a,h]anthracene	53-70-3	No Intentional Us	Sum = 200 ppm
Chrysene	218-01-9	No Intentional Us	Sum = 200 ppm
Phenanthrene	85-01-8	No Intentional Us	Sum = 200 ppm
Acenaphthene	83-32-9	No Intentional Us	Sum = 200 ppm
Fluorene	86-73-7	No Intentional Us	Sum = 200 ppm
Naphthalene	91-20-3	No Intentional Us	Sum = 200 ppm

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Benzo[a]anthracene	56-55-3	No Intentional Us	Sum = 200 ppm
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Ortho-phthalates

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Di-n-octyl phthalate(DNOP)	117-84-0	No Intentional Use	Sum = 250 ppm
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	No Intentional Use	Sum = 250 ppm
Di-iso-decyl phthalate(DIDP)	26761-40-0	No Intentional Use	Sum = 250 ppm
Di(ethylhexyl) phthalate(DEHP)	117-81-7	No Intentional Use	Sum = 250 ppm
Di-isononyl phthalate(DINP)	28553-12-0	No Intentional Use	Sum = 250 ppm
Di-n-hexyl phthalate(DnHP)	84-75-3	No Intentional Use	Sum = 250 ppm
Butyl benzyl phthalate(BBP)	85-68-7	No Intentional Use	Sum = 250 ppm
Dibutyl phthalate (DBP)	84-74-2	No Intentional Use	Sum = 250 ppm
Dinonyl phthalate (DNP)	84-76-4	No Intentional Use	Sum = 250 ppm
Diethyl phthalate (DEP)	84-66-2	No Intentional Use	Sum = 250 ppm

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Di-n-propyl phthalate(DPRP)	131-16-8	No Intentional Use	Sum = 250 ppm
Di-cyclohexyl phthalate(DCHP)	84-61-7	No Intentional Use	Sum = 250 ppm
Di-isobutyl phthalate(DIBP)	84-69-5	No Intentional Use	Sum = 250 ppm
Di-iso-octyl phthalate(DIOP)	27554-26-3	No Intentional Use	Sum = 250 ppm
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP)	68515-42-4 / 68515-50-4	No Intentional Use	Sum = 250 ppm
1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DIHP)	71888-89-6 / 84777-06-0	No Intentional Use	Sum = 250 ppm
Diisopentylphthalates	605-50-5	No Intentional Use	Sum = 250 ppm
Di-n-pentylphthalates	131-18-0	No Intentional Use	Sum = 250 ppm

Volatile Organic Compounds (VOC)

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Benzene	71-43-2	No Intentional Use	50 ppm
o-cresol	95-48-7	No Intentional Use	500 ppm
p-cresol	106-44-5	No Intentional Use	500 ppm

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Xylene	1330-20-7	No Intentional Use	500 ppm
m-cresol	108-39-4	No Intentional Use	500 ppm

Short Chain Chlorinated Paraffins (SCCP)

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Short chain chlorinated paraffins (SCCP) with C10-C13	85535-84-8	No intentional use	250 ppm in leather and 50 in textile
Medium Chain chlorinated paraffins (SCCP) with C14-C17	85535-85-9	No intentional use	500 ppm

Polyvinyl Chloride (PVC)

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Polyvinylchloride (PVC)	9002-86-2	No intentional use	Not detected

Perfluorinated and Polyfluorinated Chemicals - Long-chain PFCs (PFcs)

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Perfluorooctane sulfonate (PFOS) and	Multiple	No intentional use	Sum = 2 ppm

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related substances

Perfluorooctanoic acid (PFOA) and related substances	Multiple	No intentional use	PFOA = 25 ppb PFOA-related substances = 1000 ppb
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Total Heavy Metals in Textiles and Leather

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Arsenic (As)	7440-38-2	No intentional use	50 ppm
Cadmium (Cd)	7440-43-9	No intentional use	20 ppm (50 ppm for pigments)
Mercury (Hg)	7439-97-6	No intentional use	4 ppm (25 ppm for pigments)
Lead (Pb)	7439-92-1	No intentional use	100 ppm
Chromium (VI)	18540-29-9	No intentional use	10 ppm
Antimony	7440-36-0	No intentional use	Dye 50/ Pigment 250 ppm
Chromium	7440-47-3	No intentional use	Dyes and Pigments 100 ppm
Barium	7440-39-3	No intentional use	Dyes and Pigments 100 ppm
Selenium	7782-49-2	No intentional use	Dyes 20/ pigments 100 ppm
Tin	7440-31-5	No intentional use	Dyes 250 ppm

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Nickel	7440-02-0	No intentional use	Dyes 250 ppm
Copper	7440-50-8	No intentional use	Dyes 250 ppm
Cobalt	7440-48-4	No intentional use	Dyes 500 ppm
Silver	7440-22-4	No intentional use	Dyes 100 ppm

Glycol Ethers

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Ethylene glycol dimethylether	110-71-4	No intentional use	50 ppm
2-methoxyethylacetate	110-49-6	No intentional use	50 ppm
2-ethoxyethanol	110-80-5	No intentional use	50 ppm
2-methoxyethanol	109-86-4	No intentional use	50 ppm
Bis(2-methoxyethyl) -ether	111-96-6	No intentional use	50 ppm
2-ethoxyethyl acetate	111-15-9	No intentional use	50 ppm
2-methoxypropylacetate	70657-70-4	No intentional use	Textiles: 50 ppm Leather: 1000 ppm

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Triethylene glycol dimethyl ether	112-49-2	No intentional use	50 ppm
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UV Absorbers

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	No intentional use	1000 ppm
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	No intentional use	1000 ppm
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	No intentional use	1000 ppm
2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-328)	25973-55-1	No intentional use	1000 ppm

Other/ Miscellaneous Chemicals

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
Borate, zinc salt	12767-90-7	No intentional use	1000 ppm
Bisphenol A	80-05-7	No intentional use	100 ppm

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Thiourea	62-56-6	No intentional use	1000 ppm
Quinoline	91-22-5	No intentional use	1000 ppm
Silica (particles of respirable size)	14464-46-1	No intentional use	No use of sand blasting
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	No intentional use	100 ppm

Anti- Microbials & Biocides

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
o-Phenylphenol (+salts)	90-43-7	No intentional use	5000 ppm
Permethrin	Various	No intentional use	250 ppm
Triclosan	3380-34-5	No intentional use	250 ppm
Dimethylfumurate (DMFu)	624-49-7	No intentional use	0.1 ppm

Cyclic Siloxanes

Substance	Cas #	Supplier Guidance for Raw Material and Finished Products	Chemical Supplier Commercial Formulation Limit
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D5	541-02-6	No intentional use	1000 ppm
D6	540-97-6	No intentional use	1000 ppm
D4	556-67-2	No intentional use	1000 ppm